# Android Studio vs Ionic vs React Native

Similiarities:

* Ionic allows you to use HTML/CSS/JS to build iOS apps, Android apps, PWAs, desktop apps, or apps for any other platform where the web runs.
* React Native utilizes the JS framework React, but renders native UI elements at runtime, allowing you to build iOS and Android apps.
* Android Studio is the official Integrated Development Environment (IDE) for Android app development, based on IntelliJ IDEA . On top of IntelliJ's powerful code editor and developer tools, Android Studio offers even more features that enhance your productivity when building Android apps.

Comparison between Android Native and React Native:

* Do you need to make an iOS-only or Android-only app? Go native.
* Do you have a small team with limited time and resources, and need to make an app for both platforms? Go React Native.
* Do you need to make a highly complex app which utilizes a large portion of platform-specific code? Go native.
* Do you want to take advantage of fast build time, and features such as hot reloading and live reloading? Go React Native.
* Do you plan to maintain the app over a long period of time, without fear of Facebook quitting React Native? Go native.
* Do your developers have a strong React / Web development background? Go React Native.
* Does your app need to support new mobile OS features as soon as they are released? Go native.
* Is your app going to look and behave the same on both platforms? Go React Native.

Why could be Ionic better than Android?

Mobile development is on the rise, and very strong on cross-platform development to shelter a variety of devices.

It is open source that means it's free, saves time, money and enables faster release. Beautiful user interface can be designed effortlessly with CSS and JavaScript components, and can be customized to suit individual business needs.

Developers can use AngularJS, which is promoted by Google and makes app development a pleasure.

The Ionic framework will influence the market as it is the dominant HTML 5 mobile app development framework.